

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 62-146066
 (43)Date of publication of application : 30.06.1987

(51)Int. CI. H04N 1/393

(21)Application number : 60-288546 (71)Applicant : MATSUSHITA ELECTRIC IND CO LTD
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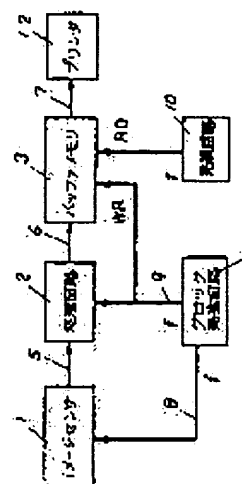
(54) PICTURE INPUT/OUTPUT DEVICE

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(57)Abstract:

PURPOSE: To increase the speed in the input/output of a picture without using a high speed processing circuit and a buffer memory by providing a clock generation circuit for an image sensor driving, the operation of the processing circuit, and the write of the buffer memory.

CONSTITUTION: An image sensor 1 is driven with the first clock 8 (frequency f_1) outputted from a clock generation circuit 4, and a picture signal 5 from the image sensor is processed with a processing circuit 2. The processing circuit 2 is driven with the second clock outputted from the clock generation circuit 4. The output 6 of the processing circuit 2 is written on a buffer memory 3 with the second clock. A picture data 7 read out from the buffer memory with the third clock outputted from an oscillation circuit 10 is printed out at a printer 12. The frequency of the third clock is fixed at (f). In a magnifying time, assuming $f_2=f_0$ and $f_1<f_0$, a magnification regulated with a magnification ratio $R=f_0/f_1$ is performed. In a reducing time, assuming $f_1=f_0$ and $f_2<f_0$, a reduction regulated with the magnification ratio $R=f_2/f_0$ is performed.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's

decision of rejection]

[Date of extinction of right]

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